

Amendments to the Specification:

Please add paragraph to page 7, after paragraph 3:

Figure 3 shows a flow diagram of a preferred embodiment of predicting failure of gas sensors.

Please add paragraph to page 10, between lines 11 and 12 the following paragraph:

Thus, FIG. 3 depicts a preferred method of predicting failure of gas sensors in an incubator environment which may comprise an algorithm for analyzing gas sensors for a lifetime adjustment. The invention provides for an adjustment in a percentage gas sensor lifetime hours measurement for the gas sensor 70. The adjusted measurement of the gas sensor may further include a normalization 75, for instance, to an hour count stored in percent O₂ lifetime hours preferably used at 20°C. Hence, a measurement for the sensor of a percentage lifetime hours used may be calculated 80 for comparison with a maximum percentage hours for the gas sensor as described earlier. Finally, a display warning 85 may be issued to a user.